"027"0" 56E85260

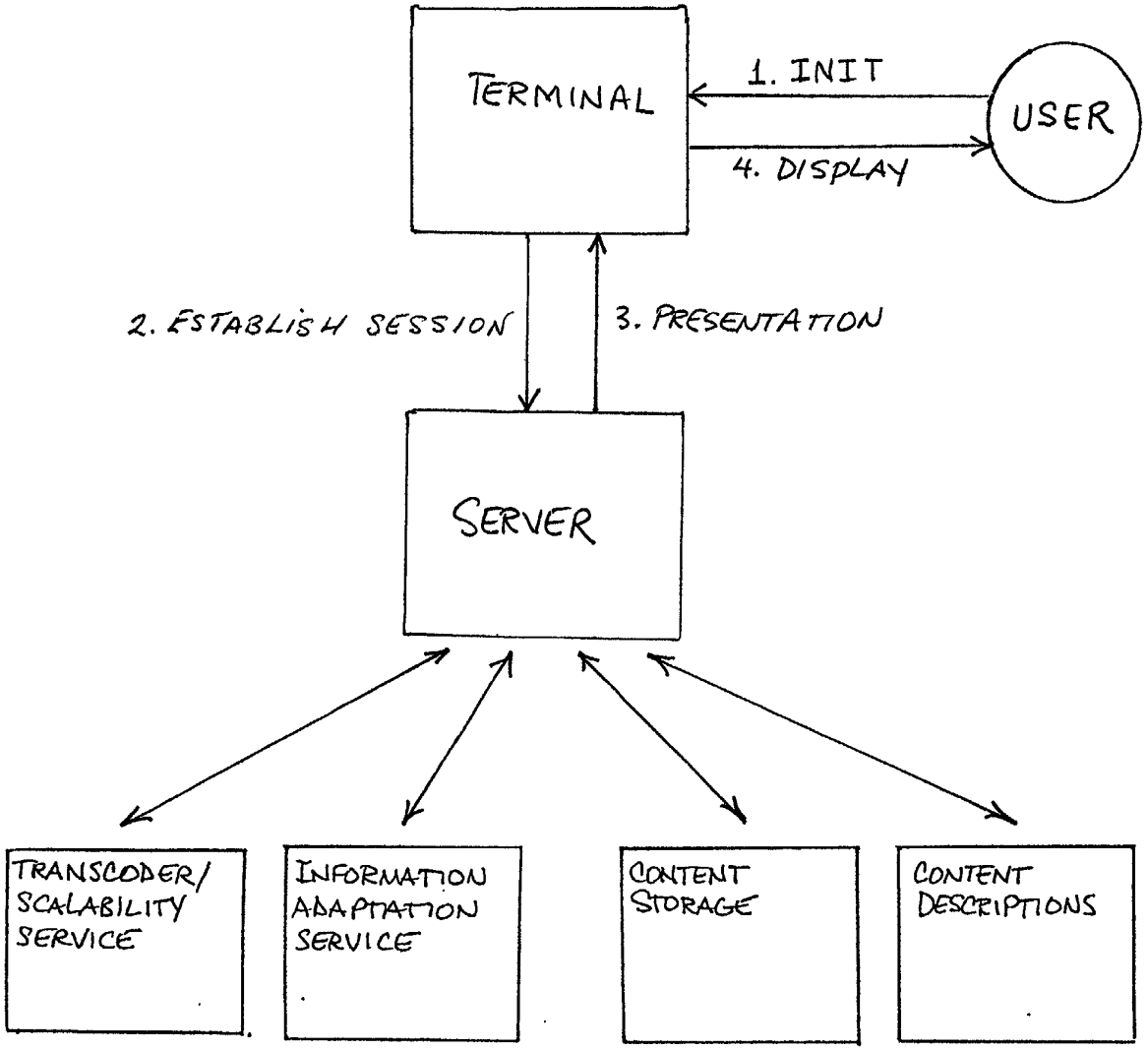


FIG. 1

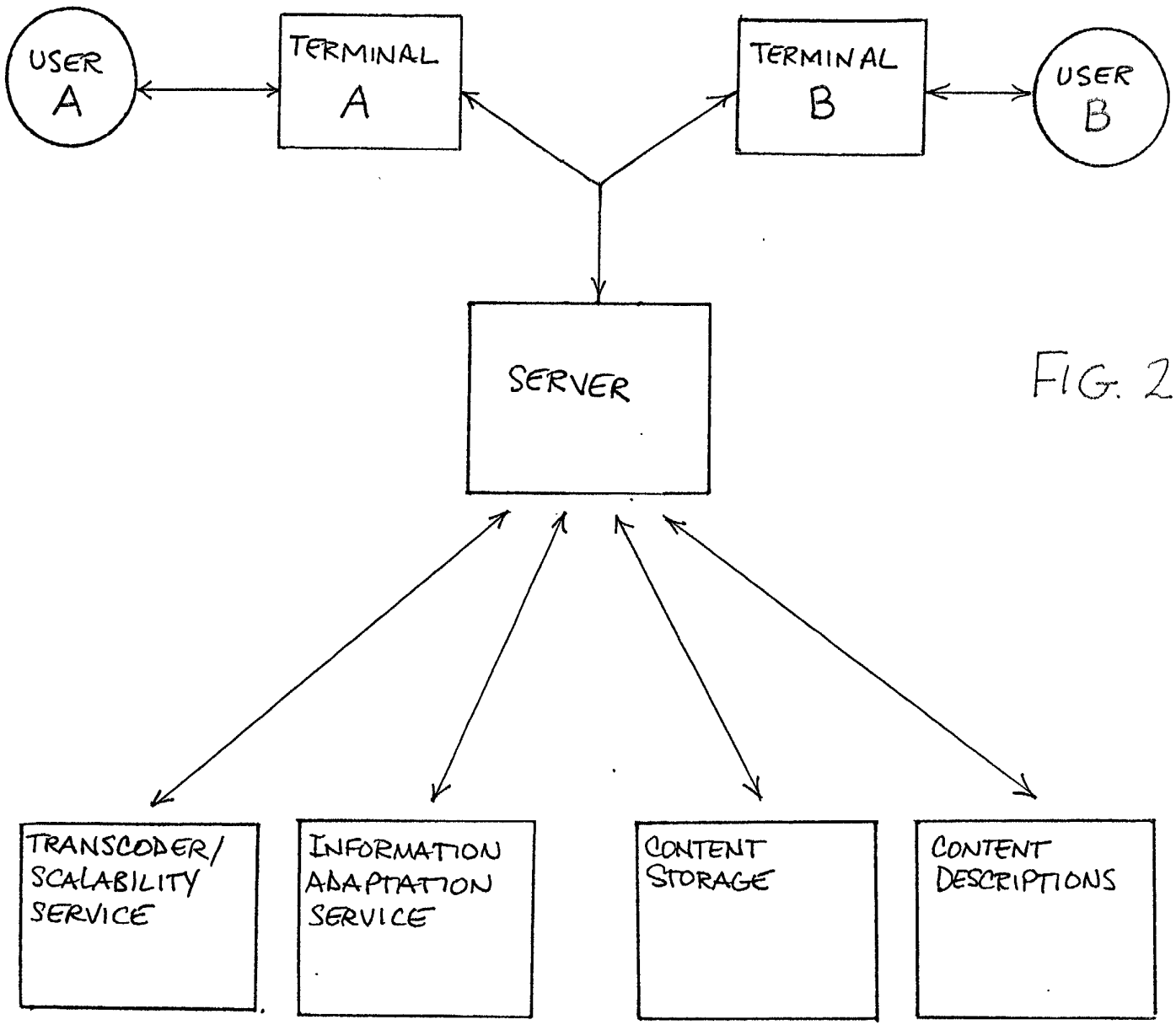

USER A
TERMINAL A
TERMINAL B
USER B
SERVER
TRANSCODER/ SCALABILITY SERVICE
INFORMATION ADAPTATION SERVICE
CONTENT STORAGE
CONTENT DESCRIPTIONS

FIG. 2

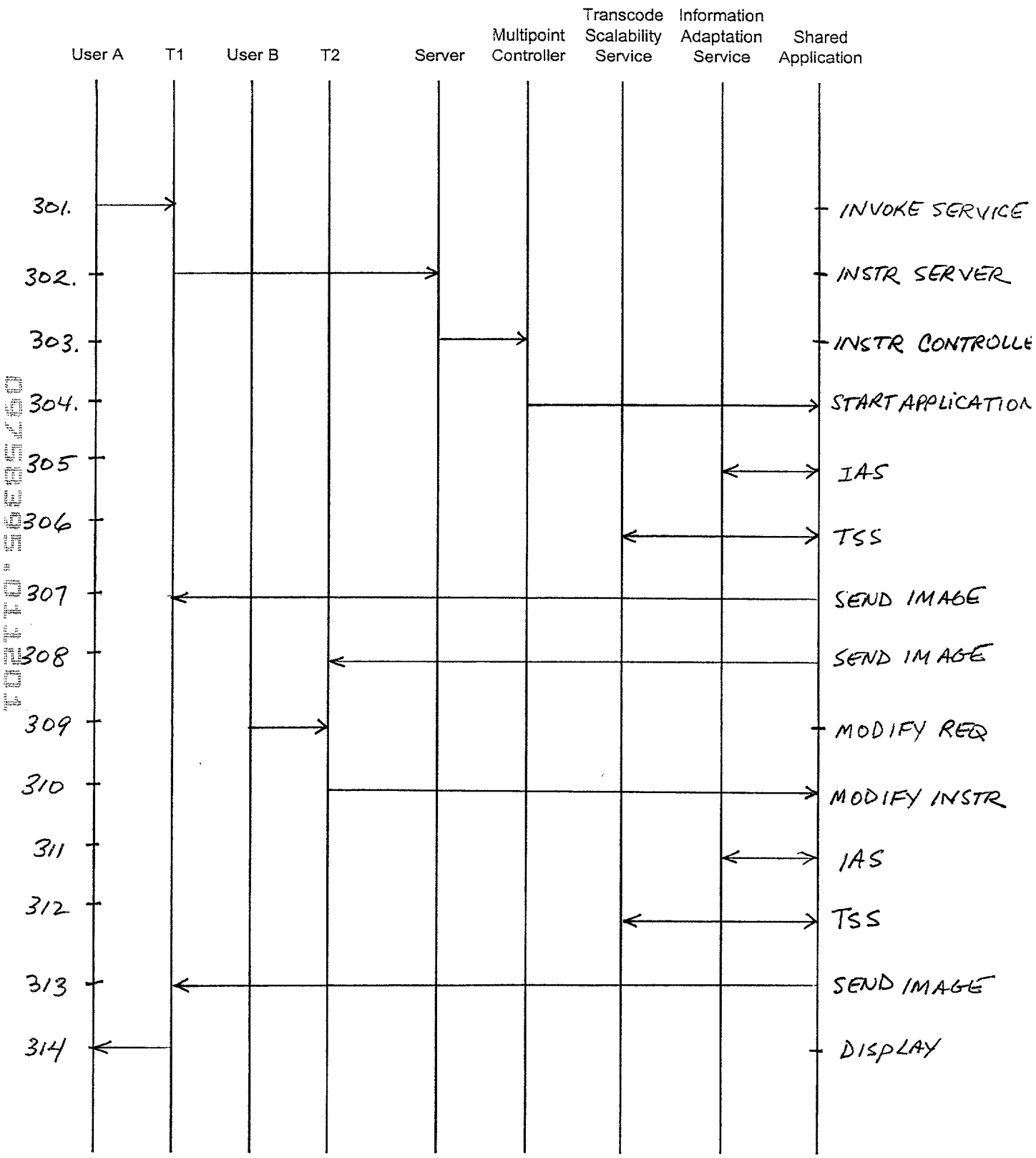
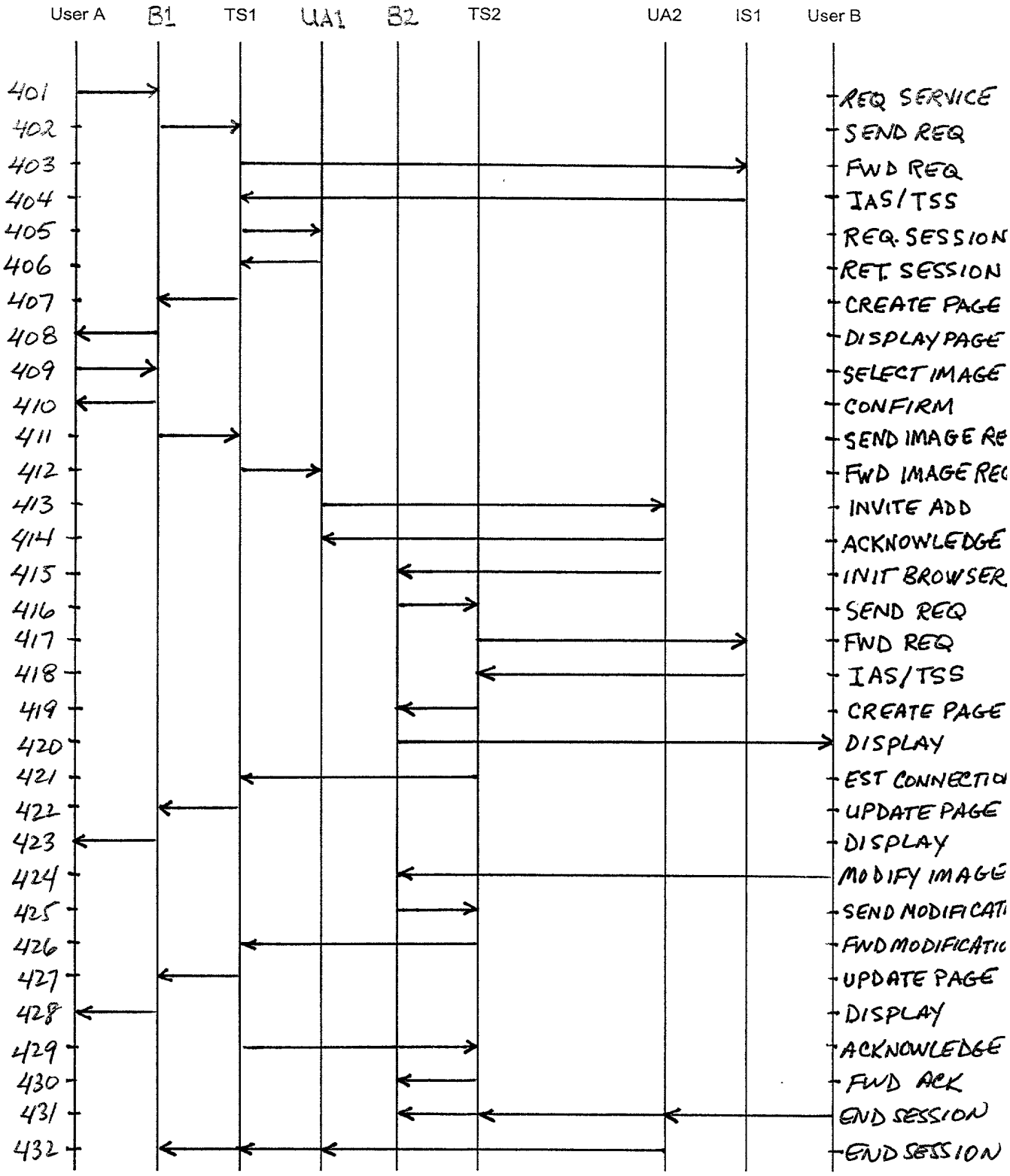

User A
T1
User B
T2
Server
Multipoint Controller
Transcode Scalability Service
Information Adaptation Service
Shared Application
301.
INVOKE SERVICE
302.
INSTR SERVER
303.
INSTR CONTROLLE
304.
START APPLICATION
305
IAS
306
TSS
307
SEND IMAGE
308
SEND IMAGE
309
MODIFY REQ
310
MODIFY INSTR
311
IAS
312
TSS
313
SEND IMAGE
314
DISPLAY

FIG. 3

FIG. 4



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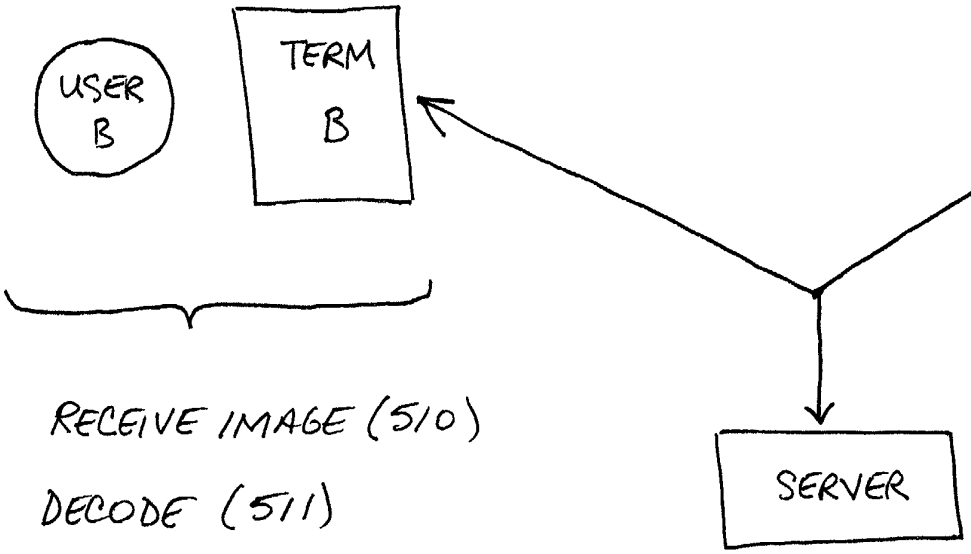


RECEIVE IMAGE (510)

DECODE (511)

DISPLAY (512)

GET CAPABILITIES (501)

SELECT ROI(s) (502)

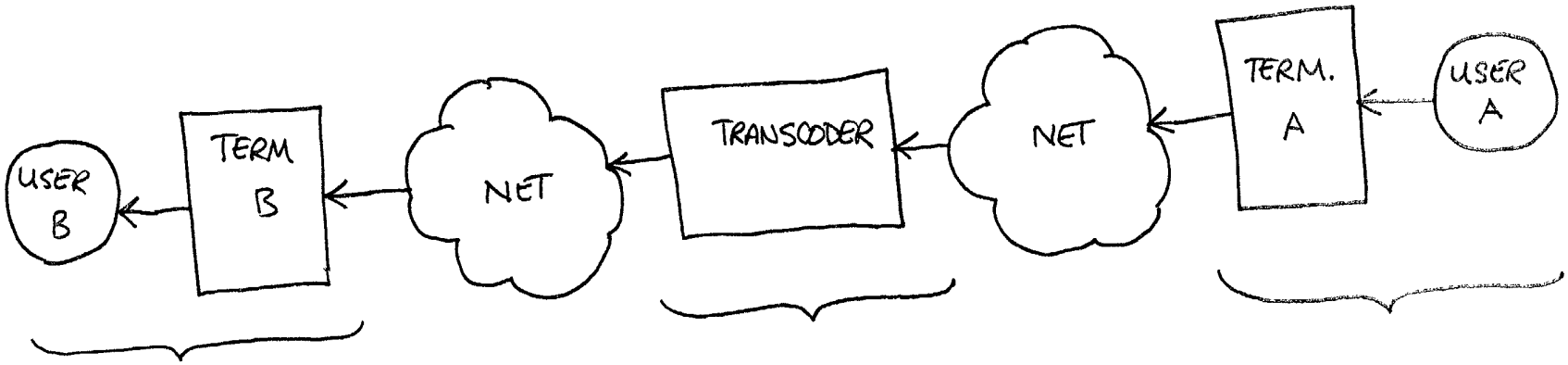
ASSIGN SIGNIFICANCE VALUES (503)

SELECT SCALING VALUES (504)

ENCODE (505)

SEND (506)

FIG. 5



RECEIVE IMAGE (620)

DECODE (621)

DISPLAY (622)

RECEIVE IMAGE (610)

RETREIVE METADATA (611)

TRANSCODE (612)

SEND (613)

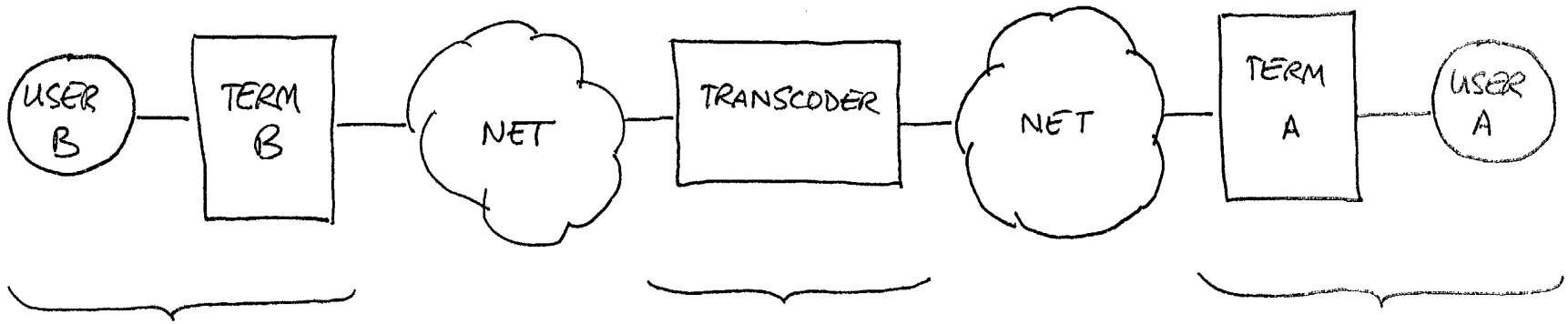
GET CAPABILITIES (601)

DEFINE ROI(s) (602)

COMPRESS DATA (603)

SEND (604)

FIG. 6



RECEIVE IMAGE (720)

DECODE (721)

DISPLAY (722)

GET CAPABILITIES (710)

RECEIVE IMAGE (711)

RETRIEVE ROI INFORMATION (712)

DETERMINE WHETHER IMAGE IS DISPLAYABLE OR WHETHER CROPPING IS NECESSARY (713)

DETERMINE WHETHER MORE THAN 1 ROI EXISTS (714)

SEND (715)

SELECT IMAGE (701)

SELECT ROI(S) (702)

ASSIGN SIGNIFICANCE VALUES (703)

DEFINE MINIMUM RESOLUTION (704)

ENCODE (705)

SEND (706)

FIG. 7